

Our File No: 11157-14

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August 24, 2000

The Commissioner of Patents & Trademarks  
Washington, D.C., U.S.A. 20231

Dear Sir:

Transmitted herewith for filing is the patent application of

Inventors: **Malcolm King**

For: **Use of Charged Dextran as a Mucoactive Agent and Methods and Pharmaceutical Compositions Relating Thereto**

The following papers are also enclosed:

- [X] 5 sheets of X Formal drawings \_\_\_\_\_ Informal drawings
- [X] A Declaration (Unsigned)

|                       | Number<br>Extra | Full Rate | Small Entity<br>Rate | Total   |
|-----------------------|-----------------|-----------|----------------------|---------|
| Total Claims          | 28 - 20 = 8 X   | \$ 18.00  | \$ 9.00              | \$72.00 |
| Independent<br>Claims | 3 - 3 = 0 X     | \$ 78.00  | \$ 39.00             | \$0.00  |
| Multiple Claims       | Flat Rate       | \$260.00  | \$130.00             | \$0.00  |

Basic Fee = \$345.00  
TOTAL FEES = \$417.00

- [X] Please charge Deposit Account No. 02-2095 in the amount of \$ 417.00. This letter is enclosed in duplicate.
- [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 02-2095. This letter is enclosed in duplicate.
- [ ] Payment Of The Filing Fee Is Being Deferred.
- [ ] Related application. This application is a \_\_\_\_\_ Division \_\_\_\_\_ Continuation  
\_\_\_\_\_ Continuation-in-part of application Serial No. \_\_\_\_\_, filed \_\_\_\_\_.
- [X] Convention priority is requested based on U.S. Provisional Application Serial No. 60/150,605 filed August 26, 2000 under 35 USC §119(e).

Respectfully submitted,

Micheline Gravelle  
Registration No. 40,261

## BERESKIN &amp; PARR

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PTO/SB/05 (4/98)

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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 11157-14

First Inventor or Application Identifier Malcolm King

Title Use of Charged Dextran As A Mucoactive Agent and ...

Express Mail Label No.

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ \* Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification (Total Pages 34)  
(preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Micro fiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
4. Oath or Declaration [Total Pages ]
- a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 16 completed)
  - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

\* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY  
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT  
IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement ☐ Power of  
(when there is an assignee) ☐ Attorney
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 ☐ Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
13. ☐ \* Small Entity ☐ Statement filed in prior application,  
Statement(s) ☐ Status still proper and desired  
(PTO/SB/09-12)
14. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
15. ☒ Other: Unsigned Declaration

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied  
under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by  
reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

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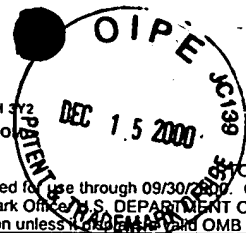
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|                   |                    |                                   |                 |
|-------------------|--------------------|-----------------------------------|-----------------|
| Name (Print/Type) | Micheline Gravelle | Registration No. (Attorney/Agent) | 40,261          |
| Signature         |                    | Date                              | August 24, 2000 |

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# BERESKIN & PARR

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|  |  |                          |              |
|--|--|--------------------------|--------------|
| <h2 style="text-align: center;">FEE TRANSMITTAL</h2> <h3 style="text-align: center;">for FY 2000</h3> <p style="text-align: center;"><i>Patent fees are subject to annual revision.</i></p> <p style="text-align: center;"><i>Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.</i></p> <p style="text-align: center;"><i>See 37 C.F.R. §§ 1.27 and 1.28.</i></p> |  | <b>Complete if Known</b> |              |
|  |  | Application Number       |              |
|  |  | Filing Date              |              |
|  |  | First Named Inventor     | Malcolm King |
|  |  | Examiner Name            |              |
|  |  | Group / Art Unit         |              |
| TOTAL AMOUNT OF PAYMENT  |  | (\$ 417.00)              |              |
|  |  | Attorney Docket No.      | 11157-14     |

| <b>METHOD OF PAYMENT (check one)</b>  |                            | <b>FEE CALCULATION (continued)</b>   |              |  |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
|---|----------------------------|--|--------------|--|----------------------------|-----------------|----------|-----|-------|-----|-----|-------------------------------------|--------|--------------------|-----|-----|------|---|----------------------------|-----------------|----------|-----|-----|---------------------------|---|------------------------|-------|-----|-------|--|----|-----------------------------------|------|-----|------|--|-----|---------------------------------------|--------|-----|--------|---|----|--|-----|-----|----|--|---|--|-----|---|-----|---|--|-----|-----|-----|-----|--|--|-----|-------|-----|-----|---|--|-----|-------|-----|-----|--|--|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|--|--|-----|-----|-----|-----|--------------------------|--|-----|-------|-----|-------|---|--|-----|-----|-----|----|----------------------------------|--|-----|-------|-----|-----|------------------------------------|--|-----|-------|-----|-----|--------------------------------|--|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|-----------------|--|-----|-----|-----|-----|-------------------------------|--|-----|----|-----|----|---|--|-----|-----|-----|-----|---|--|-----|----|-----|----|--|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|--|--|---------------------------|--|--|--|--|--|---------------------------|--|--|--|--|--|
| <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number: 022095</p> <p>Deposit Account Name: Bereskin &amp; Parr</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p>   |                            | <p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>380</td><td>216</td><td>190</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>870</td><td>217</td><td>435</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,360</td><td>218</td><td>680</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,850</td><td>228</td><td>925</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,210</td><td>241</td><td>605</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,210</td><td>242</td><td>605</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>430</td><td>243</td><td>215</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>580</td><td>244</td><td>290</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>690</td><td>246</td><td>345</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>690</td><td>249</td><td>345</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> </tbody> </table> |              | Large Entity Fee Code (\$)   | Small Entity Fee Code (\$) | Fee Description | Fee Paid | 105 | 130   | 205 | 65  | Surcharge - late filing fee or oath |        | 127                | 50  | 227 | 25   | Surcharge - late provisional filing fee or cover sheet. |                            | 139             | 130      | 139 | 130 | Non-English specification |   | 147                    | 2,520 | 147 | 2,520 | For filing a request for reexamination |    | 112                               | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action |     | 113                                   | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action |    | 115  | 110 | 215 | 55 | Extension for reply within first month |   | 116  | 380 | 216   | 190 | Extension for reply within second month |  | 117 | 870 | 217 | 435 | Extension for reply within third month |  | 118 | 1,360 | 218 | 680 | Extension for reply within fourth month |  | 128 | 1,850 | 228 | 925 | Extension for reply within fifth month |  | 119 | 300 | 219 | 150 | Notice of Appeal |  | 120 | 300 | 220 | 150 | Filing a brief in support of an appeal |  | 121 | 260 | 221 | 130 | Request for oral hearing |  | 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding |  | 140 | 110 | 240 | 55 | Petition to revive - unavoidable |  | 141 | 1,210 | 241 | 605 | Petition to revive - unintentional |  | 142 | 1,210 | 242 | 605 | Utility issue fee (or reissue) |  | 143 | 430 | 243 | 215 | Design issue fee |  | 144 | 580 | 244 | 290 | Plant issue fee |  | 122 | 130 | 122 | 130 | Petitions to the Commissioner |  | 123 | 50 | 123 | 50 | Petitions related to provisional applications |  | 126 | 240 | 126 | 240 | Submission of Information Disclosure Stmt |  | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) |  | 146 | 690 | 246 | 345 | Filing a submission after final rejection (37 CFR § 1.129(a)) |  | 149 | 690 | 249 | 345 | For each additional invention to be examined (37 CFR § 1.129(b)) |  | Other fee (specify) _____ |  |  |  |  |  | Other fee (specify) _____ |  |  |  |  |  |
| Large Entity Fee Code (\$)  | Small Entity Fee Code (\$) | Fee Description  | Fee Paid     |  |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 105   | 130                        | 205  | 65           | Surcharge - late filing fee or oath  |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 127   | 50                         | 227  | 25           | Surcharge - late provisional filing fee or cover sheet.                    |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 139   | 130                        | 139  | 130          | Non-English specification  |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 147   | 2,520                      | 147  | 2,520        | For filing a request for reexamination                                     |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 112   | 920*                       | 112  | 920*         | Requesting publication of SIR prior to Examiner action                     |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 113   | 1,840*                     | 113  | 1,840*       | Requesting publication of SIR after Examiner action                        |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 115   | 110                        | 215  | 55           | Extension for reply within first month                                     |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 116   | 380                        | 216  | 190          | Extension for reply within second month                                    |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 117   | 870                        | 217  | 435          | Extension for reply within third month                                     |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 118   | 1,360                      | 218  | 680          | Extension for reply within fourth month                                    |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 128   | 1,850                      | 228  | 925          | Extension for reply within fifth month                                     |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 119   | 300                        | 219  | 150          | Notice of Appeal   |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 120   | 300                        | 220  | 150          | Filing a brief in support of an appeal                                     |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 121   | 260                        | 221  | 130          | Request for oral hearing   |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 138   | 1,510                      | 138  | 1,510        | Petition to institute a public use proceeding                              |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 140   | 110                        | 240  | 55           | Petition to revive - unavoidable   |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 141   | 1,210                      | 241  | 605          | Petition to revive - unintentional   |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 142   | 1,210                      | 242  | 605          | Utility issue fee (or reissue)   |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 143   | 430                        | 243  | 215          | Design issue fee   |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 144   | 580                        | 244  | 290          | Plant issue fee  |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 122   | 130                        | 122  | 130          | Petitions to the Commissioner  |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 123   | 50                         | 123  | 50           | Petitions related to provisional applications                              |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 126   | 240                        | 126  | 240          | Submission of Information Disclosure Stmt                                  |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 581   | 40                         | 581  | 40           | Recording each patent assignment per property (times number of properties) |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 146   | 690                        | 246  | 345          | Filing a submission after final rejection (37 CFR § 1.129(a))              |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 149   | 690                        | 249  | 345          | For each additional invention to be examined (37 CFR § 1.129(b))           |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| Other fee (specify) _____   |                            |  |              |  |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| Other fee (specify) _____   |                            |  |              |  |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| <p>2. <input type="checkbox"/> Payment Enclosed:</p> <p><input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>  |                            | <p><b>1. BASIC FILING FEE</b></p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>690</td><td>201</td><td>345</td><td>Utility filing fee</td><td>345.00</td></tr> <tr><td>106</td><td>310</td><td>206</td><td>155</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>480</td><td>207</td><td>240</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>690</td><td>208</td><td>345</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr> </tbody> </table> <p style="text-align: right;"><b>SUBTOTAL (1) (\$ 345.00)</b></p>  |              | Large Entity Fee Code (\$)   | Small Entity Fee Code (\$) | Fee Description | Fee Paid | 101 | 690   | 201 | 345 | Utility filing fee                  | 345.00 | 106                | 310 | 206 | 155  | Design filing fee                                       |                            | 107             | 480      | 207 | 240 | Plant filing fee          |   | 108                    | 690   | 208 | 345   | Reissue filing fee                     |    | 114                               | 150  | 214 | 75   | Provisional filing fee                                 |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| Large Entity Fee Code (\$)  | Small Entity Fee Code (\$) | Fee Description  | Fee Paid     |  |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 101   | 690                        | 201  | 345          | Utility filing fee   | 345.00                     |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 106   | 310                        | 206  | 155          | Design filing fee  |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 107   | 480                        | 207  | 240          | Plant filing fee   |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 108   | 690                        | 208  | 345          | Reissue filing fee   |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 114   | 150                        | 214  | 75           | Provisional filing fee   |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| <p><b>2. EXTRA CLAIM FEES</b></p> <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>28</td><td>20**</td><td>8</td><td>72.00</td></tr> <tr><td>3</td><td>3**</td><td>0</td><td>0.00</td></tr> <tr><td>Multiple Dependent</td><td></td><td>0</td><td>0.00</td></tr> </tbody> </table> <p>**or number previously paid, if greater; For Reissues, see below</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>78</td><td>202</td><td>39</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>260</td><td>204</td><td>130</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>109</td><td>78</td><td>209</td><td>39</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> </tbody> </table> <p style="text-align: right;"><b>SUBTOTAL (2) (\$ 72.00)</b></p> |                            | Total Claims   | Extra Claims | Fee from below   | Fee Paid                   | 28              | 20**     | 8   | 72.00 | 3   | 3** | 0                                   | 0.00   | Multiple Dependent |     | 0   | 0.00 | Large Entity Fee Code (\$)                              | Small Entity Fee Code (\$) | Fee Description | Fee Paid | 103 | 18  | 203                       | 9 | Claims in excess of 20 |       | 102 | 78    | 202                                    | 39 | Independent claims in excess of 3 |      | 104 | 260  | 204  | 130 | Multiple dependent claim, if not paid |        | 109 | 78     | 209   | 39 | ** Reissue independent claims over original patent |     | 110 | 18 | 210                                    | 9 | ** Reissue claims in excess of 20 and over original patent |     | <p><b>3. SUBTOTAL (3) (\$ 0.00)</b></p> <p>* Reduced by Basic Filing Fee Paid</p> |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| Total Claims  | Extra Claims               | Fee from below   | Fee Paid     |  |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 28  | 20**                       | 8  | 72.00        |  |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 3   | 3**                        | 0  | 0.00         |  |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| Multiple Dependent  |                            | 0  | 0.00         |  |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| Large Entity Fee Code (\$)  | Small Entity Fee Code (\$) | Fee Description  | Fee Paid     |  |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 103   | 18                         | 203  | 9            | Claims in excess of 20   |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 102   | 78                         | 202  | 39           | Independent claims in excess of 3  |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 104   | 260                        | 204  | 130          | Multiple dependent claim, if not paid                                      |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 109   | 78                         | 209  | 39           | ** Reissue independent claims over original patent                         |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 110   | 18                         | 210  | 9            | ** Reissue claims in excess of 20 and over original patent                 |                            |                 |          |     |       |     |     |                                     |        |                    |     |     |      |   |                            |                 |          |     |     |                           |   |                        |       |     |       |  |    |                                   |      |     |      |  |     |                                       |        |     |        |   |    |  |     |     |    |  |   |  |     |   |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |

|                     |                    |                                   |                 |
|---------------------|--------------------|-----------------------------------|-----------------|
| <b>SUBMITTED BY</b> |                    | <b>Complete (if applicable)</b>   |                 |
| Name (Print/Type)   | Micheline Gravelle | Registration No. (Attorney/Agent) | 40,261          |
| Signature           | <i>M. Gravelle</i> | Telephone                         | (416) 364-7311  |
|                     |                    | Date                              | August 24, 2000 |

### WARNING:

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



December 14, 2000

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Bereskin & Parr



Sector

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Practice Restricted to Intellectual Property Law

Micheline Gravelle B.Sc., M.Sc. (Immunol.)  
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Your Reference: 09/645,594  
Our Reference: 11157-14

Commissioner for Patents and Trademarks  
Washington, D.C. 20231  
U.S.A.

**Attention: Box Missing Parts**

Dear Sir:

**Re: NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**  
**United States Patent Application No. 09/645,594**  
**Entitled: Use of Charged Dextran as a Mucoactive Agent and Methods**  
**and Pharmaceutical Compositions Relating Thereto**  
**Inventors: Malcolm King**  
**Filing Date: August 25, 2000**  
**Grp Art Unit: 1615**

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This is in response to the Notice to File Missing Parts of Nonprovisional Application -  
Filing Date Granted mailed October 16, 2000, a copy of which we attach.

In accordance with the provisions of 37 C.F.R. §1.53, applicant hereby submits an  
executed Declaration for Patent Application of inventor **Malcolm King**.

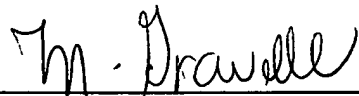
With respect to paying the filing fees, please note that the fees were to be deducted  
from our Deposit Account No. 02-2095 upon filing of the application. A copy of our  
forms instructing the United States Patent Office to deduct the fees is enclosed for  
your records.

Accordingly, if the fees have not been deducted, the Commissioner is authorized to charge \$482.00 to Deposit Account No. 02-2095, in respect of (1) the filing fee of \$345.00; (2) the additional claim fee of \$72.00; and (3) the government surcharge of \$65.00.00. A duplicate copy of this sheet is enclosed. Applicant claims small entity status under CFR §1.27.

If any additional fee is due, including a fee for an extension of time, such an extension is hereby requested and the Commissioner is authorized to charge any such fee to Deposit Account No. 02-2095.

Respectfully submitted,

**MALCOLM KING**

A handwritten signature in cursive script, appearing to read "M. Gravelle", is written over a horizontal line.

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